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CLAIM AMENDMENTS:

A listing of an entire set of claims 1-41 is submitted herewith per 37 CFR §1.121 to replace all prior versions, and listings, of claims in the application. This listing of claims 1-41 includes (1) a cancellation of claims 1-21 herein without prejudice or disclaimer to the subject matter of cancelled claims 1-21, and (2) an addition of new claims 22-41.

1.-21. (Cancelled)

22.   (New) A method of implementing a collection program interface for accessing a collection of data associated with a legacy enumeration application program interface, the method comprising:

retrieving a first set of at least one data element from the collection of data and storing the retrieved first set of at least one data element in a vector in response to receiving an initial first call on the collection application program interface;

comparing a first positional cursor to a size of the vector in response to receiving a second call on the collection application program interface subsequent to receiving the initial first call on the collection application program interface;

retrieving a second set of at least one data element from the collection of data and storing the retrieved second set of at least one data element in the vector in response to the first positional cursor being equal to or greater than the size of the vector; and

retrieving the first set of at least one data element from the vector in response to the first positional cursor being less than the size of the vector.

23.   (New) The method of claim 22, wherein the enumeration application program interface is a java-based enumeration application program interface.

24.   (New) The method of claim 23, wherein the java-based enumeration application program interface is java.util.Enumeration application program interface.

25.   (New) The method of claim 22, wherein the collection application program interface is a java-based collection application program interface.

26.   (New) The method of claim 25, wherein the java-based collection application program interface is java.util.Collection application program interface.

27.   (New) The method of claim 22, further comprising:
     comparing a second positional cursor to the size of the vector in response to receiving a third call on the collection application program interface subsequent to receiving the initial first call and the second call on the collection program interface;
     retrieving a third set of at least one data element from the collection of data and storing the retrieved third set of at least one data element in the vector in response to the second positional cursor being equal to or greater than the size of the vector; and
     retrieving the first set of at least one data element and the second set of the at least one data element from the vector in response to the second positional cursor being less than the size of the vector.

28.   (New) A system, comprising:
     a processor; and
     a memory storing instructions operable with the processor to implement a collection program interface for accessing a collection of data associated with a legacy enumeration application program interface, the instructions being executed for:

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retrieving a first set of at least one data element from the collection of data
and storing the retrieved first set of at least one data element in a vector in response to
receiving an initial first call on the collection application program interface;

comparing a first positional cursor to a size of the vector in response to
receiving a second call on the collection application program interface subsequent to
receiving the initial first call on the collection application program interface;

retrieving a second set of at least one data element from the collection of data
and storing the retrieved second set of at least one data element in the vector in response to
the first positional cursor being equal to or greater than the size of the vector; and

retrieving the first set of at least one data element from the vector in response
to the first positional cursor being less than the size of the vector.

29.   (New) The system of claim 28, wherein the enumeration application program
interface is a java-based enumeration application program interface.

30.   (New) The system of claim 29, wherein the java-based enumeration application
program interface is java.util.Enumeration application program interface.

31.   (New) The system of claim 28, wherein the collection application program interface
is a java-based collection application program interface.

32.   (New) The system of claim 21, wherein the java-based collection application
program interface is java.util.Collection application program interface.

33.   (New) The system of claim 28, wherein the instructions are further executed for:
comparing a second positional cursor to the size of the vector in response to receiving
a third call on the collection application program interface subsequent to receiving the initial
first call and the second call on the collection program interface;

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retrieving a third set of at least one data element from the collection of data and storing the retrieved third set of at least one data element in the vector in response to the second positional cursor being equal to or greater than the size of the vector; and

retrieving the first set of at least one data element and the second set of the at least one data element from the vector in response to the second positional cursor being less than the size of the vector.

34.   (New) A signal bearing medium tangibly embodying a program of machine-readable instructions executable by a processor to perform operation to implement a collection program interface for accessing a collection of data associated with a legacy enumeration application program interface, the operations comprising:

retrieving a first set of at least one data element from the collection of data and storing the retrieved first set of at least one data element in a vector in response to receiving an initial first call on the collection application program interface;

comparing a first positional cursor to a size of the vector in response to receiving a second call on the collection application program interface subsequent to receiving the initial first call on the collection application program interface;

retrieving a second set of at least one data element from the collection of data and storing the retrieved second set of at least one data element in the vector in response to the first positional cursor being equal to or greater than the size of the vector; and

retrieving the first set of at least one data element from the vector in response to the first positional cursor being less than the size of the vector.

35.   (New) The signal bearing medium of claim 34, wherein the enumeration application program interface is a java-based enumeration application program interface.

36.   (New) The signal bearing medium of claim 35, wherein the java-based enumeration application program interface is java.util.Enumeration application program interface.

37. (New) The signal bearing medium of claim 34, wherein the collection application program interface is a java-based collection application program interface.

38. (New) The signal bearing medium of claim 37, wherein the java-based collection application program interface is java.util.Collection application program interface.

39. (New) The signal bearing medium of claim 34, wherein operations further comprise:
comparing a second positional cursor to the size of the vector in response to receiving a third call on the collection application program interface subsequent to receiving the initial first call and the second call on the collection program interface;
retrieving a third set of at least one data element from the collection of data and storing the retrieved third set of at least one data element in the vector in response to the second positional cursor being equal to or greater than the size of the vector; and
retrieving the first set of at least one data element and the second set of the at least one data element from the vector in response to the second positional cursor being less than the size of the vector.

40. (New) A system for implementing a collection program interface for accessing a collection of data associated with a legacy enumeration application program interface, the system comprising:
means for retrieving a first set of at least one data element from the collection of data and storing the retrieved first set of at least one data element in a vector in response to receiving an initial first call on the collection application program interface;
means for comparing a first positional cursor to a size of the vector in response to receiving a second call on the collection application program interface subsequent to receiving the initial first call on the collection application program interface;

means for retrieving a second set of at least one data element from the collection of data and storing the retrieved second set of at least one data element in the vector in response to the first positional cursor being equal to or greater than the size of the vector; and

means for retrieving the first set of at least one data element from the vector in response to the first positional cursor being less than the size of the vector.

41. (New) The system of claim 40, further comprising:

means for comparing a second positional cursor to the size of the vector in response to receiving a third call on the collection application program interface subsequent to receiving the initial first call and the second call on the collection program interface;

means for retrieving a third set of at least one data element from the collection of data and storing the retrieved third set of at least one data element in the vector in response to the second positional cursor being equal to or greater than the size of the vector; and

means for retrieving the first set of at least one data element and the second set of the at least one data element from the vector in response to the second positional cursor being less than the size of the vector.